data 2

Data Sheet · AMILO D 1840 · Issue October 2003

AMILO D 1840

Widescreen notebook with Intel® Pentium® 4 Processor

The AMILO D1840 notebook offers real portable entertainment. Its Widescreen display, turbo-charged graphics and an Intel Pentium 4 processor all combine into an amazing visual experience. With the AMILO D you can surf the Internet, or watch a movie on a widescreen format and it simply provides more display space to work on. Connectivity is well covered with 3 USB 2.0 ports, IEEE 1394 and an S-Video out port. The optional built-in WLAN module moreover offers you the flexibility to play and work from practically anywhere. Mobile computing has never been easier and more powerful!

Features:

- Intel® Pentium® 4 Processor up to 3.2GHz and Mobile Intel® Pentium® 4 Processor with 3.06 GHz including Hyper-Threading technology
- Widescreen display up to 15.4” WXGA
- Work in any network environment through built-in WLAN[1]
- Connect your notebook to external storage devices and video equipment through the IEEE 1394 port offering transfer rates of up to 400Mbits/sec
- Memory card slot for Multimedia Card, Secure Digital Card or Memory Stick
- External ATI MOBILITY™ RADEON™ 9600 graphics controller offering 128MB Video memory
- Up to 1GB DDR SDRAM in 2 SO-DIMM slots
- Windows XP Home and Works Suite 2003[2]

1) Optional feature

2) Depending on country, please see more details on last page of this datasheet

Data Sheet

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System, processors, architecture
Intel® Pentium® 4 processor (Northwood):
2.6, 2.8, 3.0, 3.2GHz with HT Technology
512 Kbyte 2nd level cache, 800MHz FSB
Mobile Intel® Pentium® 4 processor (Northwood):
3.06 GHz with HT Technology
512 Kbyte 2nd level cache, 533MHz FSB
Chipset: SiS 648FX + SiS SB 963

Operating system
Windows XP Home, Recovery CD is included

Application Software
a) Microsoft Works Suite 2003 *including Word 2002, Works 7.0, Microsoft Encarta® 2003, Microsoft Picture It!® 7.0, Microsoft AutoRoute 2002/2003*, Microsoft Money 2002**
*Availability depending on language
b) Word / Works
Countries will receive either Microsoft Works Suite or a Word/Works package. For language availability please See matrix on the next page

Adobe Photoshop Elements 2.0
Adobe Photoshop Album 1.0
Win DVD 4.01
Nero 5 CD-Maker

Driver & Utility CD including:
Adobe Acrobat Reader 5.05
Norman anti-virus software (also pre-installed)

Internet Service Providers – country specific

Manual, Safety Guide and Warranty Guide
Online Manual

Fujitsu Siemens Computers recommends Microsoft® Windows® XP

Memory
256 – 1024MB DDR SDRAM, DDR266/333 SO-DIMM
256 / 512 MB memory modules to be placed in one of 2 free SO-DIMM memory slots (no memory on board)

Storage devices / drives
40 / 60 / 80 GB IDE hard disk
- Combo DVD/CD-RW drive
CD 24x / CD-R 24x / CD-RW 10x / DVD 8x
- DVD+R/+RW
DVD 8x / DVD+R 2.4x / DVD+RW 2.4x / CD 24x / CD-R 16x / CD-RW 8x

Graphics
ATI MOBILITY RADEON™ 9600
128MB external RAM
Support for latest "Shaders" technology to create most realistic 3D effects
DVD quality playback and 8x AGP support
FULLSTREAM™ Technology for improved Internet streaming quality
Frame Modulation - Brings standard 18-bit LCD panels up to 24-bit
Powerplay Technology for longer battery life
Dual view possible under Win XP Home
Max. external resolution (CRT only)
1600 x 1200 / 16M / 85Hz

Display
15.4" TFT WXGA, 1280 x 800 pixel

I/O Interfaces
1 x IEEE 1394, 3 USB 2.0 ports, 1 x S-Video, 1 x Fast Infrared
1 x memory card slot for MMC/SD/MS
1 x type I/II PC Card slot (32 bit CardBus support)
1 x parallel. 1 x modem, 1 x LAN, 1 x CRT
1 x microphone in, 1 x line-in, 1 x headphone out (incl. S/PDIF support), built-in microphone
1 x power supply

Communications
Built-in 56K, V.90 international modem and
10/100 Mbps LAN
Optional Wireless LAN module 802.11b

Audio
2 built-in speakers, built-in microphone, microphone in, headphone out
Hot key volume regulator
ALC655, compliant with AC'97 V2.3
16-bit stereo full-duplex CODEC
4 analogue line-level stereo inputs with 5-bit volume control, line-in, CD, video, aux

Easy Launch Keys
Located above the keyboard are 3 Launch Keys used to launch the following applications:
Internet, E-Mail, WLAN

Hot keys
Fn + F1: Standby
Fn + F3: Battery Warning On/Off
Fn + F4: Switch output between display and monitor
Fn + F5: Increase Audio volume
Fn + F6: Decrease Audio volume
Fn + F7: Increase Brightness
Fn + F8: Decrease Brightness

Pointing device & control buttons
Touchpad with two mouse buttons and page-up / page down button
Power button

Status indicators
The notebook has 4 status icons located under the display: Drive activity, NUM Lock, CAPS Lock, Scroll Lock

Security
User and supervisor password
Kensington Lock support

Power system
Li-Ion battery, 8 cells, 14.4V / 4400mAH
App. 2.30 hrs battery runtime, depending on usage[3]
Intelligent power management for prolonged battery life
Dynamic charge supported, ACPI 2.0 supported
External universal AC adapter: 100 – 240 V AC, 50-60HZ, output: 160W with 20V DC

ACPI functions
S1 standby (LCD off)
S3 save to RAM
S4 save to disk

Dimensions and weight
358mm x 269mm x 35.8mm
3.5 kg[4] (with 15" XGA, Li-Ion battery, HDD, Combo drive)

Works Suite 2003	Word 2002 / Works 7.0	Word 2000 / Works 6.0 No upgrade planned!
English UK English US (for MENA) German French Spanish Italian Swedish Norwegian Dutch Finnish Danish	Hungarian* Czech* Polish*	Portuguese Russian* Turkish* Greek (Word Greek / Works US)

For all other countries there is no country-specific bit-image available. These countries can order any of the above-mentioned variants.
* For these countries special regulations apply regarding WLAN importation. Special certification is needed.

Certifications
CE Marking
Energy Star

Operating conditions
Operational: 5°C to 35°C (ambient temperature)
10% to 90% relative humidity, non-condensing
AC input 100-240 V, 50-60 Hz

Warranty
Country-specific terms

Options
AC-Adapter
USB Floppy Drive
Carrying cases

3) Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage.
4) Weight may vary depending on actual configuration

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Company stamp